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MEMORANDUM

SUPERFUND
FILE

TO: Ed Sierra, Region VI RPO

THRU: K. H. Malone, Jr., FITOM *AMM*

FROM: Mark A. Pinzel, FIT Geologist

DATE: October 12, 1990

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REORGANIZED

SUBJECT: Narrative Summary for Larry Landry Dump
Intercoastal City, Vermilion Parish, LA
(LAD985169804)

I. SITE INFORMATION/BACKGROUND

The Larry Landry Dump is located off Louisiana Highway 333, one mile north of Intracoastal City, Vermilion Parish, Louisiana. The geographic coordinates are 29°47'52" north latitude and 92°09'03" west longitude. The site is located on private land owned by (b) [REDACTED], who leased part of the land to Mr. Larry Landry. Mr. (b) Landry used the land as an open dump for oil field and solid wastes from off-shore drilling rigs. The site operated in the early 1980s and ceased operations when the owner proposed raising the rent.

II. WASTE CONTAINMENT

There are no manmade impoundments on-site for containment from air, ground water or surface water routes. The piles of waste were disposed directly onto the ground.

III. PATHWAY CHARACTERISTICS

A. Ground Water

The Chicot Aquifer system underlies Vermilion Parish, and consists of thick sand and gravel deposits. The Chicot Aquifer is divided into two units called the upper sand and lower sand, in which the upper sand is connected to the Abbeville Unit. The Vermilion River recharges the Chicot Aquifer near Banker, five miles north of the site. The site is underlain by 200 feet of clay, under which is the Abbeville Unit.

PRELIMINARY REPORT
This document is a
final opinion of the

Reviewed by
Date *10/26/90*

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The nearest well is located (b) (6) of the site. It is owned by (b) (6). The well was dug to approximately 500 feet and is screened at 500 feet. The well is used for domestic purposes only. Mrs. Hebert purchases her drinking water.

B. Surface Water

The site is surrounded by surface water. Drainage from the site would flow into a north-south ditch that parallels the access road, and empties into an east-west ditch that empties into the Vermilion River 1/2 mile downstream. Potential sensitive environments affected by the surface water migration are wetlands (estuarine), a state wildlife refuge and habitats used by the Peregrine falcon and the Atlantic Ridley Turtle.

C. Soil Exposure

There is a gate on the access road with a "No Trespassing" sign posted. Inorganics are known to be present at the site, and organics could exist. There are no workers on-site.

D. Air

Previous sampling indicated high concentrations of inorganics such as barium, cadmium, chromium, lead and zinc. The air pathway, therefore, is not of concern since these inorganics have low particulate/mobility potentials.

IV. DATA GAP OBJECTIVES

1. Two of the nearest residential wells should be sampled.
2. The extent of ground water use in the area needs to be determined.
3. This sampling may involve an extensive well survey.
4. Soil samples and sediment samples should be taken on and near the waste piles (source characterization) and along the surface water pathway from the site.
5. Surface water samples should be taken along the surface water pathway from the site as near the sources as possible.
6. Exact distances to the sensitive environments must be ascertained.